

S-340

Final Coat Grey Render

Properties - Description

S-312 is a grey cement dry-mixed final coat mortar with appropriate dried sand granulation and special organic admixtures. Requires only the addition of water.

It is characterized by:

- Stable quality
- Suitable for internal & external use
- Excellent adhesion with the substrate
- High workability, smooth application, speed, economy and shelf-life. Highly efficient spray application, with low wear on spray machines.
- Excellent surface finish for weather resistance and durability

It is certified with CE marking, according to EN 998-1, as a final coat grey render for internal & external use.

Technical data

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| Form: | Cementitious powder |
| Color: | Grey |
| Particle size: | Up to 0,4 mm |
| Water demand: | 6.5 lt/sack 40 Kg |
| Bulk density of dry mortar: | 1.6±0.10 Kg/Lt |
| Bulk density of fresh mortar: | 1.80±0.05Kg/Lt |
| Compressive strength: | Class CS II N/mm ² |
| Bond strength as initial tensile adhesion strength: | 0,2 - FP A |
| Water absorption : | W0 |
| Thermal conductivity ($\lambda_{10,dry}$) : | 0,79W/MK |
| Pot life: | 2 h at 20° C |
| Reaction to fire: | Euroclass A1 |

Fields of application

S-340 is applied internally & externally as a final coat render. Substrates must have a good mechanical key suitable for rendering. It is ideal for "graved" finishing surfaces as well as for various special finishing techniques.

Consumption

Indicative consumption 15kg/m² at 12 mm nominal thickness.

Directions for use

To prepare fresh render mix the content of the sack with clean water until the proper workability is obtained. Manual application is also possible. After it has sufficiently set, the render can be smoothed over with a finishing trowel. Working time depends on the substrate absorptivity, ambient temperature and mixture workability.

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Shelf life-Storage


When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

Packaging

Available in 40 kg sacks (1,44 tons/ pallet) & big bags (1,4 tons)

Remarks

- Mixing time should not be extended in order not to alter the properties of the material.
- Restrictions on weather conditions during application and curing must be respected. Avoid usage under frost or heat.
- Excessive water addition reduces strength with the possibility of causing cracks and crazing.
- The fresh mortar should be used within 30 minutes from adding water.
- The product contains cement and reacts as alkaline with water, so it is classified as irritant. In case of contact with the eyes the area should be washed without delay with plenty of water.
- The quality of application of this material depends on suitable operative skills and product familiarity.

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| EN 998-1:2016 | | | |
| S-340 Final Coat Grey Based Render | | | |
| DoP: INTERMIX No 2 | | | |
| Compressive strength | Class CS II | minimum value | N\mm ² |
| Reaction to fire | Euroclass A1 | | |
| Water absorption | W 0 | maximum value | kg/m ² x min-½ |
| Water vapour permeability | μ=15/35 | (based on density) | |
| Thermal conductivity (λ_{10,dry}) | 0,79 | maximum value | W/mK |
| Bond strength as initial tensile adhesion strength | | | 0,2N\mm ² - FP A |
| Durability against freeze/thaw | NPD | | |